Contents	Reference to last Measurement
7	8

1st and final Bill

SBR- 13/17-18,

M. A. R. 57 (Rule 116)
Measurement Book

No. B dt- 27/4/17

BR-27/28/4/17

258416

Serial No. .....

Name of Work ..... From ..... To .....

Name of Contractor or nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Improvements to drainage from 1st to 4th main road, and cross road to B/S cross road in Tatanagara in ward no 8 under Yediyuru constituency.						
	Job work NO: 008-16-000019						
	Head of A/C: P1771 POW						
	AS NO: AS/CE(WNK)/31/15-16/Dt: 14.12.2015						
	TS NO: TS/EE(BTP)/231/15-16/Dt: 14.12.2015						
	W.O NO: BBMP/EE/BTP/WO/70/2015-16/Dt: 20.07.16						
	Agency Name: Mr. Narasimhaiah. N.						
	Date of commencement: 10.11.2016.						
	Date of completion : 24.04.2017.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
It NO 1.	Hire charges of 100 KVA generator including operator. fuel transportation and handling Charges					LS	
It NO 2	Earth work excavation by manual means in ordinary soil including an average horizontal throw up to 2 meters and an average lift upto 0.50m. Excavated surface levelled neatly after breaking of clods complete as per Specifications complete as per specifications MORTH. Qty taken as entered in this MB vide pageNO 258465 to 258467 Total Qty 615.94 cum @ Rs 80.00/M3 = 49275:20						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
It NO 3	Removing B.S. slabs ... cost of all labours ... as per Specifica... Engineer in cha... Qty same as ... pageNO: 258467 to ...
It NO 4	Construction of ... material deposi...

T BOOK

sions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
cluding d handing		MT	
l means in gle horizo on average taken levelled ds complete L as per			
MB vide otal Qty		615.94	cuty
RS	80.00	M3 : 49275.20	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....

Name of Work ..... From..... To..... 258417

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
I+ND3	Removing B.S. slabs & drain and stacking including cost of all labours, HOM & machineries etc. complete as per specifications and directions of Engineer in charge of the work Qty same as entered in this MB vide page no: 258467 to 258470. Total Qty : 6837.80 Limit Tender Qty : 6781.50 M2 @ RS 60.00 M2 = 406890.00						
I+ND4	Construction of embankment with approved material deposited out side from road way						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Cutting and excavation from drain and foundation & other structures graded and compacted to meet requirement of table 300-2 complete as specifications which including watering charges and compaction						
	5th Main Tatanagara.	1X1	30.00	1.20 x $\frac{(0.20+0.15)}{2}$		6.30	
		1X1	30.00	1.20 x $\frac{(0.20+0.25)}{2}$		8.10	
		1X1	30.00	1.20 x $\frac{(0.20+0.15)}{2}$		6.30	
		1X1	30.00	1.20 x $\frac{(0.20+0.15)}{2}$		6.30	
		1X1	30.00	1.20 x $\frac{(0.15+0.20)}{2}$		6.30	
		1X1	30.00	1.20 x $\frac{(0.20+0.25)}{2}$		8.10	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agen
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	4th Main Tatanag

OOK

Depth 6	Contents 7	Reference to last Measurement 8
rain and load and of table which d connection		
	6.30	
x(0.20+0.15)/2	= 75.60	
(0.20+0.25)/2	= 8.10	
(0.20+0.15)/2	= 6.30	
(0.20+0.15)/2	= 6.30	
(0.15+0.20)/2	= 6.30	
(0.20+0.25)/2	= 8.10	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

258418

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		1X1	30.00	1.20	(0.20+0.15)/2	= 6.30	
		1X1	30.00	1.20	(0.20+0.25)/2	= 9.00	
		1X1	30.00	1.20	(0.20+0.15)/2	= 6.30	
		1X1	30.00	1.20	(0.25+0.30)/2	= 9.90	
		1X1	30.00	1.20	(0.20+0.15)/2	= 6.30	
		1X1	30.00	1.20	(0.20+0.25)/2	= 8.10	
		1X1	5.00	1.20	x0.20/2	= 1.20	
	4th Main Tatanagara	1X1	30.00	1.20	(0.30+0.15)/2	= 8.10	
		2X1	30.00	1.20	(0.20+0.15)/2	12.60	
		2X1	30.00	1.20	(0.20+0.25)/2	16.20	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1×2	30.00	1.20	$\times\left(\frac{0.20+0.15}{2}\right)$	= 12.60	
		1×2	30.00	1.20	$\times\left(\frac{0.20+0.25}{2}\right)$	= 16.20	
		1×2	30.00	1.20	$\times\left(\frac{0.20+0.15}{2}\right)$	12.60	
		1×2	30.00	1.20	$\times\left(\frac{0.20+0.15}{2}\right)$	= 12.60	
		1×2	30.00	1.20	$\times\left(\frac{0.20+0.25}{2}\right)$	= 18.00	
		1×2	30.00	1.20	$\times\left(\frac{0.20+0.25}{2}\right)$	= 18.00	
		1×2	30.00	1.20	$\times\left(\frac{0.20+0.25}{2}\right)$	= 18.00	
		1×2	30.00	1.20	$\times\left(\frac{0.20+0.25}{2}\right)$	= 18.00	
		1×2	30.00	1.20	$\times\left(\frac{0.20+0.30}{2}\right)$	= 18.00	
		1×2	30.00	1.20	$\times\left(\frac{0.20+0.15}{2}\right)$	= 12.60	
		1×2	30.00	1.20	$\times\left(\frac{0.20+0.30}{2}\right)$	= 18.00	

Serial No. .....

Name of Work .....

Name of Contractor of nature of Ag

Date of commencement of work ....

Date	Full description, etc, of w
1	2
	3rd cross.
	4th cross

T BOOK

ions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
·20 × (0·20+0·15)/2		= 12·60	
·20 × (0·20+0·25)/2		= 16·20	
·20 × (0·20+0·15)/2		12·60	
20 × (0·20+0·15)/2		= 12·60	
·20 × (0·20+0·25)/2		= 18·00	
20 × (0·20+0·25)/2		= 18·00	
20 × (0·20+0·25)/2		= 18·00	
20 × (0·20+0·25)/2		= 18·00	
·20 × (0·20+0·30)/2		= 18·00.	
20 × (0·20+0·15)/2		= 12·60	
20 (0·20+0·30)/2		= 18·00	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

258419

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	3rd cross.	1 × 2	16·00	1·20 × (0·20+0·15)/2		= 9·60	
		1 × 20	30·00	1·20 × (0·20+0·25)/2		= 16·20	
		1 × 20	30·00	1·20 × (0·20+0·30)/2		= 18·00	
	4th cross	1 × 1	5·00	1·20	0·20	= 1·20	
		1 × 2	30·00	1·20 × (0·20+0·15)/2		12·60	
		1 × 2	30·00	1·20 × (0·20+0·25)/2		16·20	
		1 × 2	30·00	1·20 × (0·20+0·15)/2		12·60	
		1 × 2	30·00	1·20 × (0·30+0·25)/2		19·80	
		1 × 2	30·00	1·20 × (0·25+0·30)/2		19·80	
		1 × 2	30·00	1·20 × (0·25+0·20)/2		16·20	
		1 × 2	30·00	1·20 × (0·20+0·15)/2		12·60	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	5th cross.	1×2	30.00×1.20×(0.20+0.05)/2			= 12.60	
		1×2	30.00×1.20×(0.15+0.25)/2			= 14.40	
		1×2	15.00×1.20×(0.15+0.25)/2			= 6.30	
		1×2	30.00×1.20×(0.20+0.25)/2			= 16.20	
		1×2	30.00×1.20×(0.20+0.25)/2			= 16.20	
		1×2	30.00×1.20×(0.25+0.25)/2			= 16.20	
		1×2	30.00×1.20×(0.20+0.15)/2			= 12.60	
		1×2	30.00×1.20×(0.20+0.35)/2			= 18.00	
			Total Qty.			567.10 cuts	
	limit Tender Qty					513.75 cuts	
	@ Rs 310.00/m3 : 159262.50						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
17/05	Retiring stone Masonry including cost of all etc complete as per engineer in charge for 3rd cross Tatanagar

4th cross Tatanagar

BOOK

ons		Contents	Reference to last Measurement
eadth 5	Depth 6	7	8
0x(0.20+0.15)/2		12.60	
0x(0.15+0.25)/2		14.40	
x(0.15+0.25)/2		6.30	
x(0.20+0.25)/2		16.20	
x(0.20+0.25)/2		16.20	
x(0.25+0.25)/2		16.20	
x(0.20+0.15)/2		12.60	
x(0.20+0.35)/2		18.00	
Qty.		567.10 cum	
r Qty		513.75 cum	
0/m3		: 159262.50	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 258420

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
ITNOS	Refixing stone slabs of drains and pointing in CM (1:3) including cost of all labours, hire of machineries etc complete as per specifications and directions of Engineer in charge of the work for 3rd every Tatanagar						0.60 / 0.60, 0.60
		1X2	30.00	1.80	—	108.00	0.60+0.6+0.60+1.80m
		1X2	30.00	1.80	—	108.00	
		1X2	30.00	1.80	—	108.00	
		1X2	30.00	1.80	—	108.00	
		1X2	30.00	1.80	—	108.00	
		1X2	30.00	1.80	—	108.00	
	4TH every Tatanagar	1X2	30.00	1.80	—	108.00	
		1X2	30.00	1.80	—	108.00	
		1X5	5.00	1.80	—	9.00	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	5th cross Tatanagara.	1X2	30.00	1.80	—	108.00	
		1X2	30.00	1.80	—	108.00	0.60 / 0.60 / 0.60
		1X2	30.00	1.80	—	108.00	
		1X2	30.00	1.80	—	108.00	0.60+0.60+0.60 =1.80m
		1X2	30.00	1.80	—	108.00	
		1X2	30.00	1.80	—	108.00	
		1X2	30.00	1.80	—	108.00	
		1X2	15.00	1.80	—	54.00	
		1X2	30.00	1.80	—	108.00	
		1X2	30.00	1.80	—	108.00	
		1X2	30.00	1.80	—	108.00	
		1X2	30.00	1.80	—	108.00	
		1X2	30.00	1.80	—	108.00	
		1X2	30.00	1.80	—	108.00	
		1X2	30.00	1.80	—	108.00	
		1X2	30.00	1.80	—	108.00	
		1X2	30.00	1.80	—	108.00	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ...
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	6th cross Tatanagara.
	3rd main Tatanagara

BOOK

ons		Contents	Reference to last Measurement
readth 5	Depth 6	7	8
·80	—	108·00	
·80	—	108·00	0·60 / 0·60 / 0·60
·80	—	108·00	
·80	—	108·00	0·60+0·60+0·60 =1·80M
·80	—	108·00	
·80	—	108·00	
·80	—	108·00	
·80	—	54·00	
·80	—	108·00	
·80	—	108·00	
·80	—	108·00	
·80	—	108·00	
·80	—	108·00	
·80	—	108·00	
·80	—	108·00	
·80	—	108·00	
·80	—	108·00	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 258421

Serial No. ..... From..... To.....

Name of Work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	6th cross Tatanagara.	1X2	15·00	1·80	—	54·00	0·60 / 0·60 / 0·60
		1X2	30·00	1·80	—	108·00	
		1X2	30·00	1·80	—	108·00	0·60+0·60+0·60
		1X2	30·00	1·80	—	108·00	1·80M
		1X2	30·00	1·80	—	108·00	
		1X2	30·00	1·80	—	108·00	
		1X2	30·00	1·80	—	108·00	
		1X2	30·00	1·80	—	108·00	
		1X1	5·00	1·80	—	9·00	
	3rd main Tatanagara	1X2	30·00	1·80	—	108·00	
		1X2	30·00	1·80	—	108·00	
		1X2	30·00	1·80	—	108·00	
		2X2	17·00	1·80	—	61·00	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	2nd main Tatanagara	1X2	30.00	1.80	–	108.00	0.60 0.60 0.60
		1X2	30.00	1.80	–	108.00	
		1X2	30.00	1.80	–	108.00	0.60+0.60+0.60=
	1st main Tatanagara	1X2	17.00	1.80	–	61.20	1.80 mts
		1X2	30.00	1.80	–	108.00	
		1x2	30.00	1.80	–	108.00	
		1X2	30.00	1.80	–	108.00	
		1X2	30.00	1.80	–	108.00	
		1X2	30.00	1.80	–	108.00	
		1X2	30.00	1.80	–	108.00	
		1X2	30.00	1.80	–	108.00	
		1X2	30.00	1.80	–	108.00	
		1X2	30.00	1.80	–	108.00	
		1X2	30.00	1.80	–	108.00	
		1X2	30.00	1.80	–	108.00	
	5th main Tatanagara	1X1	30.00	1.80	–	54.00	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Num
1	2	
		1X
		1X
		1X
		1X
		1X
		1X
		1X
		1X
		1X
	limit tende	
	@Rs 70	

dth	Depth 6	Contents 7	Reference to last Measurement 8
D	–	108.00	0.60 / 0.60 / 0.60
D	–	108.00	
D	–	108.00	0.60+0.60+0.60 = 1.80 mts
80	–	61.20	
D	–	108.00	
D	–	108.00	
0	–	108.00	
D	–	108.00	
0	–	108.00	
80	–	108.00	
80	–	108.00	
80	–	108.00	
80	–	108.00	
0	–	108.00	
80	–	108.00	
80	–	54.00	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

258422

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		1X1	30.00	1.80	-	54.00	0.60 / 0.60 / 0.60
		1X1	30.00	1.80	–	54.00	
		1X1	30.00	1.80	–	54.00	
		1X1	30.00	1.80	–	54.00	0.60+0.60+0.60 = 1.80 mts
		1X1	30.00	1.80	–	54.00	
		1X1	30.00	1.80	–	54.00	
		1X1	30.00	1.80	–	54.00	
		1X1	30.00	1.80	–	54.00	
		1X1	30.00	1.80	–	54.00	
				Total qty :		5864.00 M2	
				limit tende qty		: 5764.27 M2	
				@Rs 70.07 M2 = 403498.90			

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Item 6	providing granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete (10.00cum thick)						
	~~4th cross~~						
	3rd cross Tata nagara	1X2	30.00	1.80	—	108.00	0.60 / 0.60 / 0.60
		1X2	30.00	1.80	—	108.00	
		1X2	30.00	1.80	—	108.00	0.60+0.60+0.60 = 1.80M
		1X2	30.00	1.80	—	108.00	
		1X2	30.00	1.80	—	108.00	
		1X2	30.00	1.80	—	108.00	
	4th main Tata nagara	1X2	30.00	1.80	—	108.00	
		1X2	30.00	1.80	—	108.00	
		1X2	30.00	1.80	—	108.00	
		1X2	30.00	1.80	—	108.00	
		~~1X2~~	13.00	1.80	—	46.00	
		1X2				Total Qty = 1018.00 Mt	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	limit Tank @ RS =
	Item 7: Lead for dispo at carriage roa including load 0.00 to 2.00 Km. Qty same as Item MB side pag

BOOK

ons		Contents	Reference to last Measurement
eadth 5	Depth 6	7	8
quality roughly			
tor (1:6) including			
cement thick)			
80	—	108.00	0.60 / 0.60
80	—	108.00	0.60
80	—	108.00	0.60+0.60+0.60
80	—	108.00	= 1.80 M
80	—	108.00	
80	—	108.00	
80	—	108.00	
80	—	108.00	
80	—	108.00	
80	—	46.00	
Total Qty = 1018.00 M²			

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No. B

Serial No. .....

Name of Work ..... From..... To..... 258423

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Limit Tender Qty 1017.23 m²						
	@ Rs 770.00/m² = Rs 783267.10						
	Item NO 7: Lead for disposal of debris shall be payable at carriage rate by mechanical means including loading and unloading from 0.00 to 2.00 km.						
	Qty same as Item NO 8 entered in this MB wide page NO 258445 to 258467						

BOM 258423

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Total qty 615.94 cmts limit Tender qty 524.02 cmts @ Rs 68.62/m3 = Rs 35958.25 Total Rs: 1838151.95 certified 24/4/17 Assistant Executive Engineer Kodigehalli Sub Division Yelahanka Zone, B.B.M.P., Bangalore. 24/4/17						

Serial No. .....
Name of Work .....
Name of Contractor of nature of A
Date of commencement of work ..

Date	Full description, etc, of
1	2
	Certificate 1) The above w 2) The and up d 3) The contractor has given we

Contents 7	Reference to last Measurement 8
@ Rs	
= 35958.25	
: 1838151.25	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. 258424

Name of Work ..... From..... To.....

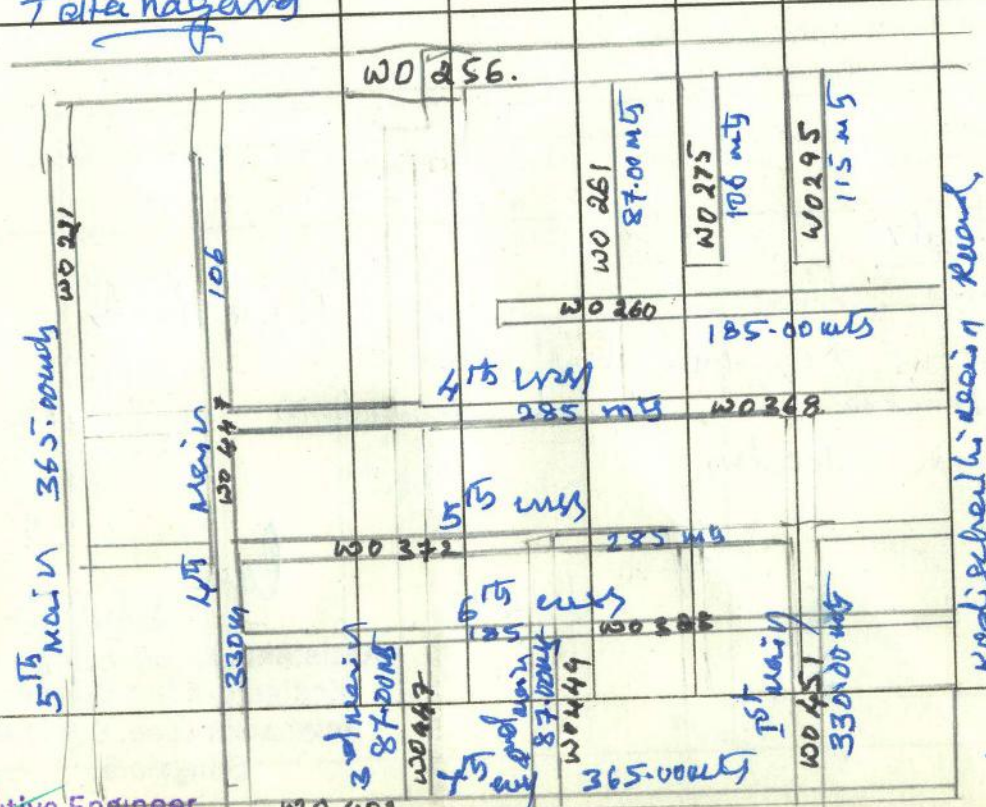
Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Certificate 1) The above work is completed Satisfactorily 2) No Departmental issues 3) The contractor has cleared all debris using his own vehicles 24/4/2017. Assistant Executive Engineer, Kodigehalli Sub Division, Yelahanka Zone, B.B.M.P., Bangalore.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Tolla nagara						



Assistant Executive Engineer,

20/4/17

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agenc
Date of commencement of work .....

Date	Full description, etc, of work
1	2

Seventeen Lak
one hundred thre

05/05

Depth 6	Contents 7	Reference to last Measurement 8
		AN
100 mts	W0295 115 mts	
85.00 mts	W0368	
1st lining 100 mts	330.00 Mts	Kodiyebail Widening Rework
		Verified 20/4/17

M. A. R. 57 (Rule 116)
Measurement Book

No. B

258425

Serial No. .....
Name of Work .... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ 18,38,151-00 ಗಳ ಸಾಮಾನು ಸಾಗಿಸಿ ಇಳಿಸಿದ್ದು ರೂ 1,35048-00 ಹೊರಾಗೆ ಸಾಗಿಸಿಕೊಂಡು ಬಂದ ಮೊಬಲಗು ರೂ 17,03,103-00 ರೂ Seventeen Lakh Three Thousand One hundred Three only ಮೇರೆ ಮುಂಚಿತ ಅಡವಾಗಿ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು ಪಂ.ರಾ.ಇ ಮೂಡುಬಿದಿರೆ ವಿಭಾಗ ಪಂ.ರಾ.ಮಂ.ಮಂ 05/05					Total Rs 18,38,151-00 IT - 18382-00 VAT - 73526-00 Cess - 18382-00 CBF - 1838-00 LR - 20220-00 Fine. 2700-00 Add. 1,35048-00 Charges 17.03.103-00	